

09/454737

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Term:

adenovir\$ near5 (CMV or cytomegalovir\$ or RSV or
rous or MMTV or mouse near mammary) near10 muscle
near5 (express\$ or prolong\$ or extend\$)

Display:

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	<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
<u>L9</u>	adenovir\$ near5 (CMV or cytomegalovir\$ or RSV or rous or MMTV or mouse near mammary) near10 muscle near5 (express\$ or prolong\$ or extend\$)	2	<u>L9</u>
<u>L8</u>	adenovir\$ near5 (CMV or cytomegalovir\$ or RSV or rous or MMTV or mouse near mammary) and muscle near5 (express\$ or prolong\$ or extend\$)	516	<u>L8</u>
<u>L7</u>	adenovir\$ near5 (CMV or cytomegalovir\$ or RSV or rous or MMTV or mouse near mammary) and muscle	1867	<u>L7</u>
<u>L6</u>	L4 and muscle near5 express\$ near10 (extend\$ or prolong\$ or durat\$)	12	<u>L6</u>
<u>L5</u>	L4 and muscle near5 express\$	925	<u>L5</u>
<u>L4</u>	L1 and (RSV or rous near sarcoma or CMV or cytomegalovirus or MMTV) near5 promoter\$	925	<u>L4</u>
<u>L3</u>	l1 and RSV near5 promoter\$	313	<u>L3</u>
<u>L2</u>	adenovir\$ near5 vector\$ and muscle near5 express\$ near5 (prolong\$ or extend\$ or persist\$)	38	<u>L2</u>
<u>L1</u>	adenovir\$ near5 vector\$ and muscle near5 express\$	1320	<u>L1</u>

END OF SEARCH HISTORY

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- ☐ 2. 20020037867 . 26 Feb 99. 28 Mar 02. METHOD FOR RECOMBINANT ADENO-ASSOCIATED VIRUS-DIRECTED GENE THERAPY. WILSON, JAMES M., et al. 514/44; 435/320.1 435/455 435/456 435/457 435/69.1 A61K048/00 C12N015/861.
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Terms	Documents
L4 and muscle near5 express\$ near10 (extend\$ or prolong\$ or durat\$)	12

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Processing		
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	189884	ADENOVIR?
	1155227	VECTOR?
	34858	ADENOVIR?(N) VECTOR?
	2782271	MUSCLE
	6890336	EXPRESS?
	151420	MUSCLE(5N) EXPRESS?
	25377	RSV
	30099	ROUS
S1	27	ADENOVIR? (N) VECTOR? AND MUSCLE (5N) EXPRESS? AND (RSV OR ROUS)
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...completed examining records		
S2	17	RD S1 (unique items)
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	17	S2
	63422474	PY>1992
S3	0	S2 NOT PY>1992
? s adenovir? and vector? and muscle and (RSV or rous or CMV or MMTV)		
	189884	ADENOVIR?
	1155227	VECTOR?
	2782271	MUSCLE
	25377	RSV
	30099	ROUS
	73709	CMV
	9717	MMTV
S4	570	ADENOVIR? AND VECTOR? AND MUSCLE AND (RSV OR ROUS OR CMV OR MMTV)
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Completed processing all files		
	570	S4
	63422474	PY>1992
S5	11	S4 NOT PY>1992
? rd s5		
>>>Record 266:217889 ignored; incomplete bibliographic data, not retained - in RD set		
>>>Record 266:205079 ignored; incomplete bibliographic data, not retained - in RD set		
...completed examining records		
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Display 6/9/1 (Item 1 from file: 266)

DIALOG(R)File 266:FEDRIP

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00341765

IDENTIFYING NO.: 5P01HL56091-05 0002 AGENCY CODE: CRISP

ROLE OF CYTOMEGALOVIRUS IN AGA OF THE CORONARY ARTERY

PRINCIPAL INVESTIGATOR: HAYWARD, GARY

ADDRESS: JOHNS HOPKINS UNIV SCH OF MED 720 RUTLAND AVE BALTIMORE, MD 21205-2196

PERFORMING ORG.: JOHNS HOPKINS UNIVERSITY, BALTIMORE, MARYLAND

SPONSORING ORG.: NATIONAL HEART, LUNG, AND BLOOD INSTITUTE

FY : 2001 TYPE OF AWARD: Noncompeting Continuation (Type 5)

SUMMARY: Epidemiological evidence suggests that cytomegalovirus (HCMV) infection is a major contributing risk factor to the development of accelerated graft arteriosclerosis (AGA) in heart transplant recipients. We have obtained evidence for non-lytic chronic or latent infection by in situ hybridization in up to 70% of coronary artery sections in **CMV** positive recipients exhibiting AGA. HCMV IE1 and IE2 RNA, but not the 2.7kb IR4 delayed-early RNA were found to be expressed in large numbers of

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infiltrating mononuclear lymphocytes or monocytes (MNC) and in many endothelial cells (EC) as well as in some clustered smooth **muscle** cells (SMC) in the intima. Patterns of HCMV IE1 and IE2 protein expression correlated with the RNA results but differed in each cell type with SMC predominantly expressing the IE1 protein; EC the IE2 protein and MNC synthesizing neither protein. No late proteins were detectable except in occasional mature macrophages in the myocardium with inclusion bodies. We hypothesize that the expression of a limited subset of viral transcriptional regulatory genes in these non-permissively infected cells may alter cellular gene expression and functional activity or the proliferation state of one or more of these cell types in ways that may trigger or exacerbate the changes involved in coronary arteriosclerosis. The specific aims of this project are thus to 1) Definitively characterize the in situ status of viral regulatory gene expression in different cell types in vessel walls with and without disease. 2) Examine the effects of HCMV infection and IE1 or IE2 expression from **adenovirus vectors** on cellular levels of p53, TGF-beta and PDGF, in quiescent

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and non-permissive BC and SMC culture systems with a view towards understanding the mechanisms involved in relevant cellular changes. We will also focus on the mechanisms of **CMV** induced over-expression of p53 and determine whether the absence of p53 genes affects AGA in the presence or absence of **CMV** in a transgenic knock-out mouse model. 3) Examine otherwise inaccessible early events (especially in proliferating SMC in the intima) in a latently infected donor rat model that produces AGA within 20 days after cardiac transplantation and utilize genetically marked rat **CMV** to follow reactivation events. Parts of the work will be carried out in collaboration with other groups in the project. Our anticipation is that detailed knowledge of the role of **CMV** and its close relatives HHV6 and HHV.7 in AGA will lead to a better understanding of how to manage and monitor the disease, as well as to the development of potentially

useful therapeutic or preventative strategies.

DESCRIPTORS: laboratory mouse; laboratory rat; transgenic animal; arteriosclerosis; vascular smooth **muscle**; vascular endothelium; cell type; pathologic process; tumor suppressor gene; gene expression; virus

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genetics; platelet derived growth factor; coronary artery; tissue /cell culture; latent virus infection; cytomegalovirus; p53 gene /protein

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00302677

IDENTIFYING NO.: 5P01AR45925-03 0001 AGENCY CODE: CRISP

ADENO-ASSOCIATED VIRUS (AAV) **VECTORS** TO IMPROVE MATURE **MUSCLE**

FUNCTION

PRINCIPAL INVESTIGATOR: XIAO, XIAO

ADDRESS: UNIVERSITY OF PITTSBURGH PHARMACEUTICAL SCIENCES PITTSBURGH, PA 15213

PERFORMING ORG.: UNIVERSITY OF PITTSBURGH AT PITTSBURGH, PITTSBURGH, PENNSYLVANIA

SPONSORING ORG.: NAT INST OF ARTHRITIS AND MUSCULOSKELETAL AND SKIN DISEASES

FY : 2001 TYPE OF AWARD: Noncompeting Continuation (Type 5)

SUMMARY: Muscular dystrophies are a relatively common group of inherited degenerative **muscle** disease. Most types are caused by mutations in genes coding for membrane associated proteins in **muscle**. Duchenne muscular dystrophy (DMD) and limb-girdle muscular dystrophy (LGMD) often

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manifest themselves in young ages and lead to early morbidity with no currently available effective treatment. These diseases are recessive, loss-of- function of the corresponding gene product, which makes them suitable for gene replacement therapy. Recombinant adeno-associate virus (rAAV) is one promising gene replacement **vector** based on defective human parvoviruses. The rAAV system has attracted attention due to its non-pathogenicity, genomic integration, transduction of quiescent cells, and apparent lack of cellular immune reactions. In contrast to other viral **vectors** , rAAV is capable of efficiently bypassing the myofiber basal lamina and transducing mature **muscle** cells.

We have demonstrated that rAAV **vectors** harboring a foreign gene can achieve highly efficient and sustained gene expression in mature **muscle** of immunocompetent animals for more than 1.5 years without detectable toxicity. Recently, significant improvement in **vector** production methodology has made it possible to generate high titer and high quality rAAV **vectors** completely free of helper **adenovirus** contamination. However, no experiments using rAAV **vectors** to

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restore the functional deficits in **muscle** tissue itself have been
reported to date. Here, we propose to take advantage of rAAV **vector**
system, to test two therapeutic genes (delta-sarcoglycan and a highly
truncated dystrophin), under the control of two different promoter systems
(viral/**CMV** or **muscle** - specific/MCK), in two relevant animal
models of muscular dystrophies (Bio14.6 hamster for LGMD and mdx mouse for
DMD). Two distinct **vector** delivery methods, local intramuscular
infection versus systemic delivery will be utilized. We have the following
three hypotheses to be tested. 1): **muscle** deficient in
delta-sarcoglycan can be functionally rescued by genetic complementation
using intramuscular AAV **vector** injection in the LGMD hamster model.
2) systemic delivery of the delta-sarcoglycan gene can be mediated by rAAV
vectors through intra-artery or intra-ventricle injection. 3) a
dystrophin mini-gene lacking the central rod domain will improve the
function of dystrophin-deficient **muscle** when delivered into
dystrophic mdx mice by AAV **vectors**.

DESCRIPTORS: hamster; laboratory mouse; intraarterial administration;

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DIALOG(R)File 266:FEDRIP

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gene therapy; gene complementation; muscular dystrophy; disease /disorder
model; **muscle** protein; nonhuman therapy evaluation; adeno associated
virus group; technology /technique development; dystrophin; transfection
/expression **vector**; intramuscular injection

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Display 6/9/3 (Item 1 from file: 434)

DIALOG(R)File 434:SciSearch(R) Cited Ref Sci

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08037271 Genuine Article#: G9232 Number of References: 31

Title: CDNA CLONING WITH A RETROVIRUS EXPRESSION **VECTOR** - GENERATION
OF A PP60C-SRC CDNA CLONE

Author(s): KAPLAN PL; SIMON S; CARTWRIGHT CA; ECKHART W

Corporate Source: SALK INST BIOL STUDIES/SAN DIEGO//CA/92138

Journal: JOURNAL OF VIROLOGY, 1987, V61, N5, P1731-1734

Language: ENGLISH Document Type: NOTE

Geographic Location: USA

Subfile: SciSearch; CC LIFE--Current Contents, Life Sciences

Journal Subject Category: VIROLOGY

Research Fronts: 86-1382 002 (HEMAGGLUTININ NEURAMINIDASE GENE OF
NEWCASTLE-DISEASE VIRUS; NUCLEOTIDE-SEQUENCE ANALYSIS; TRANSCRIPTION OF
GENES; CDNA CLONE)

86-1674 002 (TRANSCRIPTIONAL ENHANCER; VIRAL REGULATORY ELEMENTS;
ADENOVIRUS E1A GENE; REGULATION OF POLYOMAVIRUS LATE PROMOTER
ACTIVITY; ACTIVATION OF GENE-EXPRESSION)

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DIALOG(R)File 434:SciSearch(R) Cited Ref Sci

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86-0127 001 (MURINE HEMATOPOIETIC PROGENITOR CELLS FOLLOWING RETROVIRAL
TRANSFER; RETROVIRUS **VECTORS**; EXPRESSION OF HUMAN
ADENOSINE-DEAMINASE)

86-2889 001 (RAT AORTIC SMOOTH-**MUSCLE** CELLS; HEAT-SHOCK PROTEINS;
INVIVO BIOSYNTHESIS; EARLY MOUSE EMBRYO; TWO-DIMENSIONAL
ELECTROPHORESIS; TYPE-III PROCOLLAGEN)

86-4753 001 (ROUS-SARCOMA VIRUS SRC GENE; HOST RANGE DETERMINANTS
OF AVIAN RETROVIRUS ENVELOPE GENES; AMINO-ACID SEQUENCE HOMOMOLOGY IN GAG
REGION)

86-5967 001 (SIMIAN VIRUS-40 REPLICATION; EXPRESSION IN COS CELLS; LATE
GENE; PLASMID DNA; HOMOLOGOUS RECOMBINATION IN MAMMALIAN-CELLS; SV40
MUTANTS)

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DIALOG(R)File 434:SciSearch(R) Cited Ref Sci

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08028445 Genuine Article#: G9164 Number of References: 41

Title: EXPRESSION OF HUMAN CLASS-II MAJOR HISTOCOMPATIBILITY COMPLEX
ANTIGENS USING RETROVIRUS **VECTORS**

Author(s): KORMAN AJ; FRANTZ JD; STROMINGER JL; MULLIGAN RC

Corporate Source: MIT,WHITEHEAD INST BIOMED RES/CAMBRIDGE//MA/02142;
HARVARD UNIV,DEPT BIOCHEM & MOLEC BIOL/CAMBRIDGE//MA/02138

Journal: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED
STATES OF AMERICA, 1987, V84, N8, P2150-2154
Language: ENGLISH Document Type: ARTICLE
Geographic Location: USA
Subfile: SciSearch; CC LIFE--Current Contents, Life Sciences
Journal Subject Category: MULTIDISCIPLINARY SCIENCES
Research Fronts: 86-0127 003 (MURINE HEMATOPOIETIC PROGENITOR CELLS
FOLLOWING RETROVIRAL TRANSFER; RETROVIRUS **VECTORS**; EXPRESSION OF
HUMAN ADENOSINE-DEAMINASE)
86-1347 002 (HUMAN MAJOR HISTOCOMPATIBILITY COMPLEX; HLA CLASS-II

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ANTIGENS; DNA RESTRICTION FRAGMENT LENGTH POLYMORPHISMS;
INSULIN-DEPENDENT DIABETES-MELLITUS)
86-1674 001 (TRANSCRIPTIONAL ENHANCER; VIRAL REGULATORY ELEMENTS;
ADENOVIRUS E1A GENE; REGULATION OF POLYOMAVIRUS LATE PROMOTER
ACTIVITY; ACTIVATION OF GENE-EXPRESSION)
86-4753 001 (**ROUS**-SARCOMA VIRUS SRC GENE; HOST RANGE DETERMINANTS
OF AVIAN RETROVIRUS ENVELOPE GENES; AMINO-ACID SEQUENCE HOMOLOGY IN GAG
REGION)
86-6423 001 (PARVALBUMIN EXPRESSION IN MAMMALIAN SKELETAL-**MUSCLE**;
DIFFERENTIATION ANTIGENS; IMMUNOLOGICAL DETECTION; RABBIT
SKELETAL-MUSCLES; NEURAL CONTROL)
86-7866 001 (MOUSE MAMMARY-TUMOR CELLS; DNA TRANSFECTION; TRANSFECTED
HUMAN-FIBROBLASTS; VIRAL **VECTORS**; ENHANCER FUNCTION; SINGLE
PLASMID; GENETIC COMPLEMENTATION)

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07898360 Genuine Article#: G0306 Number of References: 41
Title: EXPRESSION OF HEPATITIS-B VIRUS SURFACE AND CORE ANTIGENS -
INFLUENCES OF PRE-S AND PRECORE SEQUENCES
Author(s): MCLACHLAN A; MILICH DR; RANEY AK; RIGGS MG; HUGHES JL; SORGE J;
CHISARI FV
Corporate Source: SCRIPPS CLIN & RES FDN,DEPT BASIC & CLIN
RES/LAJOLLA/CA/92037
Journal: JOURNAL OF VIROLOGY, 1987, V61, N3, P683-692
Language: ENGLISH Document Type: ARTICLE
Geographic Location: USA
Subfile: SciSearch; CC LIFE--Current Contents, Life Sciences
Journal Subject Category: VIROLOGY
Research Fronts: 86-0356 005 (HEPATITIS-B VIRUS; PRES 120-145 REGION;
ABSENCE OF PRE-S2 ANTIBODIES)
86-0127 001 (MURINE HEMATOPOIETIC PROGENITOR CELLS FOLLOWING RETROVIRAL
TRANSFER; RETROVIRUS **VECTORS**; EXPRESSION OF HUMAN

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Display 6/9/5 (Item 3 from file: 434)
DIALOG(R)File 434:SciSearch(R) Cited Ref Sci
(c) 1998 Inst for Sci Info. All rts. reserv.
ADENOSINE-DEAMINASE)
86-1382 001 (HEMAGGLUTININ NEURAMINIDASE GENE OF NEWCASTLE-DISEASE
VIRUS; NUCLEOTIDE-SEQUENCE ANALYSIS; TRANSCRIPTION OF GENES; CDNA
CLONE)
86-1674 001 (TRANSCRIPTIONAL ENHANCER; VIRAL REGULATORY ELEMENTS;
ADENOVIRUS E1A GENE; REGULATION OF POLYOMAVIRUS LATE PROMOTER
ACTIVITY; ACTIVATION OF GENE-EXPRESSION)

86-4753 001 (ROUS-SARCOMA VIRUS SRC GENE; HOST RANGE DETERMINANTS
OF AVIAN RETROVIRUS ENVELOPE GENES; AMINO-ACID SEQUENCE HOMOMOLOGY IN GAG
REGION)

86-6423 001 (PARVALBUMIN EXPRESSION IN MAMMALIAN SKELETAL-MUSCLE;
DIFFERENTIATION ANTIGENS; IMMUNOLOGICAL DETECTION; RABBIT
SKELETAL-MUSCLES; NEURAL CONTROL)

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DIALOG(R)File 434:SciSearch(R) Cited Ref Sci
(c) 1998 Inst for Sci Info. All rts. reserv.

07847954 Genuine Article#: F6673 Number of References: 74
Title: EPSTEIN-BARR VIRUS GLYCOPROTEIN HOMOLOGOUS TO HERPES-SIMPLEX
VIRUS-GB
Author(s): GONG M; OOKA T; MATSUO T; KIEFF E
Corporate Source: UNIV CHICAGO,KOVLER VIRAL ONCOL LABS/CHICAGO//IL/60637
Journal: JOURNAL OF VIROLOGY, 1987, V61, N2, P499-508
Language: ENGLISH Document Type: ARTICLE
Geographic Location: USA
Subfile: SciSearch; CC LIFE--Current Contents, Life Sciences
Journal Subject Category: VIROLOGY
Research Fronts: 86-1382 002 (HEMAGGLUTININ NEURAMINIDASE GENE OF
NEWCASTLE-DISEASE VIRUS; NUCLEOTIDE-SEQUENCE ANALYSIS; TRANSCRIPTION OF
GENES; CDNA CLONE)
86-4807 002 (EPSTEIN-BARR VIRUS; ACQUIRED IMMUNE DEFICIENCY
SYNDROME-RELATED LYMPHOPROLIFERATIVE DISORDERS; VIRUS-IMMORTALIZED
LYMPHOBLASTOID CELL-LINES)

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Display 6/9/6 (Item 4 from file: 434)
DIALOG(R)File 434:SciSearch(R) Cited Ref Sci
(c) 1998 Inst for Sci Info. All rts. reserv.
86-0127 001 (MURINE HEMATOPOIETIC PROGENITOR CELLS FOLLOWING RETROVIRAL
TRANSFER; RETROVIRUS **VECTORS**; EXPRESSION OF HUMAN
ADENOSINE-DEAMINASE)
86-1455 001 (ESCHERICHIA-COLI K-12; MUTATIONS IN THE ARAC REGULATORY
GENE; COOPERATIVE REGULATION OF UIDA EXPRESSION)
86-1491 001 (EPSTEIN-BARR VIRUS; CHRONIC INFECTIOUS MONONUCLEOSISLIKE
SYNDROME IN COMMON MARMOSETS; PERSISTENT SYMPTOMS FOLLOWING
INFECTIOUS-MONONUCLEOSIS)
86-1674 001 (TRANSCRIPTIONAL ENHANCER; VIRAL REGULATORY ELEMENTS;
ADENOVIRUS E1A GENE; REGULATION OF POLYOMAVIRUS LATE PROMOTER
ACTIVITY; ACTIVATION OF GENE-EXPRESSION)
86-4753 001 (**ROUS**-SARCOMA VIRUS SRC GENE; HOST RANGE DETERMINANTS
OF AVIAN RETROVIRUS ENVELOPE GENES; AMINO-ACID SEQUENCE HOMOLOGY IN GAG
REGION)
86-6423 001 (PARVALBUMIN EXPRESSION IN MAMMALIAN SKELETAL-**MUSCLE**;
DIFFERENTIATION ANTIGENS; IMMUNOLOGICAL DETECTION; RABBIT
SKELETAL-MUSCLES; NEURAL CONTROL)

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DIALOG(R)File 434:SciSearch(R) Cited Ref Sci
(c) 1998 Inst for Sci Info. All rts. reserv.
86-6701 001 (OLIGOSACCHARIDE PROCESSING; PROTEIN GLYCOSYLATION;
SECRETORY PROTEINS; MUNG BEAN SEEDLINGS; RAT-LIVER ALPHA-MANNOSIDASE;
N-LINKED CARBOHYDRATE)
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DIALOG(R)File 434:SciSearch(R) Cited Ref Sci
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STRNAD BC, 1982, V41, P258, J VIROL
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Display 6/9/7 (Item 5 from file: 434)
DIALOG(R)File 434:SciSearch(R) Cited Ref Sci
(c) 1998 Inst for Sci Info. All rts. reserv.

07841505 Genuine Article#: F6679 Number of References: 32
Title: LINEAGE ANALYSIS IN THE VERTEBRATE NERVOUS-SYSTEM BY
RETROVIRUS-MEDIATED GENE-TRANSFER
Author(s): PRICE J; TURNER D; CEPKO C
Corporate Source: HARVARD UNIV,SCH MED,DEPT GENET/BOSTON//MA/02115; HARVARD
UNIV,SCH MED,PROGRAM NEUROSCI/BOSTON//MA/02115; MIT,CTR CANC
RES/CAMBRIDGE//MA/02139
Journal: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED
STATES OF AMERICA, 1987, V84, N1, P156-160
Language: ENGLISH Document Type: ARTICLE
Geographic Location: USA
Subfile: SciSearch; CC LIFE--Current Contents, Life Sciences
Journal Subject Category: MULTIDISCIPLINARY SCIENCES
Research Fronts: 86-0127 003 (MURINE HEMATOPOIETIC PROGENITOR CELLS
FOLLOWING RETROVIRAL TRANSFER; RETROVIRUS **VECTORS**; EXPRESSION OF
HUMAN ADENOSINE-DEAMINASE)

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Display 6/9/7 (Item 5 from file: 434)
DIALOG(R)File 434:SciSearch(R) Cited Ref Sci
(c) 1998 Inst for Sci Info. All rts. reserv.
86-0259 001 (PUTATIVE FIBRONECTIN RECEPTOR COMPLEX RECEPTOR COMPLEX;
LAMININ SYNTHESIS; EMBRYONIC CHICK SPINAL MOTOR NEURONS; PC12 CELLS;
TYPE-IV COLLAGEN)

86-1382 001 (HEMAGGLUTININ NEURAMINIDASE GENE OF NEWCASTLE-DISEASE
VIRUS; NUCLEOTIDE-SEQUENCE ANALYSIS; TRANSCRIPTION OF GENES; CDNA
CLONE)

86-1674 001 (TRANSCRIPTIONAL ENHANCER; VIRAL REGULATORY ELEMENTS;
ADENOVIRUS E1A GENE; REGULATION OF POLYOMAVIRUS LATE PROMOTER
ACTIVITY; ACTIVATION OF GENE-EXPRESSION)

86-2124 001 (GLIAL FIBRILLARY ACIDIC PROTEIN; CENTRAL NERVOUS-SYSTEM
TUMORS; GROWTH OF HUMAN OLIGODENDROCYTES INVITRO; ASTROCYTES IN PRIMARY
CULTURES)

86-4753 001 (**ROUS**-SARCOMA VIRUS SRC GENE; HOST RANGE DETERMINANTS
OF AVIAN RETROVIRUS ENVELOPE GENES; AMINO-ACID SEQUENCE HOMOLOGY IN GAG
REGION)

86-6423 001 (PARVALBUMIN EXPRESSION IN MAMMALIAN SKELETAL-**MUSCLE**;
DIFFERENTIATION ANTIGENS; IMMUNOLOGICAL DETECTION; RABBIT

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DIALOG(R)File 434:SciSearch(R) Cited Ref Sci
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SKELETAL-MUSCLES; NEURAL CONTROL)
Cited References:
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DIALOG(R)File 434:SciSearch(R) Cited Ref Sci
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07602552 Genuine Article#: E5673 Number of References: 62
Title: EXPRESSION OF A MOLECULARLY CLONED HUMAN C-SRC ONCOGENE BY USING A
REPLICATION-COMPETENT RETROVIRAL **VECTOR**
Author(s): TANAKA A; FUJITA DJ
Corporate Source: UNIV WESTERN ONTARIO, CANC RES LAB/LONDON N6A
5B7/ONTARIO/CANADA/; UNIV WESTERN ONTARIO, DEPT BIOCHEM/LONDON N6A
5B7/ONTARIO/CANADA/
Journal: MOLECULAR AND CELLULAR BIOLOGY, 1986, V6, N11, P3900-3909
Language: ENGLISH Document Type: ARTICLE
Geographic Location: CANADA
Subfile: SciSearch; CC LIFE--Current Contents, Life Sciences
Journal Subject Category: BIOCHEMISTRY & MOLECULAR BIOLOGY
Research Fronts: 86-3403 003 (**ROUS**-SARCOMA VIRUS; TYROSINE
PHOSPHORYLATION; TRANSFORMING PROTEIN; PP60C-SRC KINASE; EPIDERMAL
GROWTH-FACTOR RECEPTOR)
86-3728 002 (RAS PROTEINS; CONTINUED EXPRESSION OF THE C-HA-RAS

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Display 6/9/8 (Item 6 from file: 434)
DIALOG(R)File 434:SciSearch(R) Cited Ref Sci
(c) 1998 Inst for Sci Info. All rts. reserv.
ONCOGENE; TRANSFORMING GENES IN HUMAN-LEUKEMIA CELLS)
86-1382 001 (HEMAGGLUTININ NEURAMINIDASE GENE OF NEWCASTLE-DISEASE
VIRUS; NUCLEOTIDE-SEQUENCE ANALYSIS; TRANSCRIPTION OF GENES; CDNA
CLONE)
86-1674 001 (TRANSCRIPTIONAL ENHANCER; VIRAL REGULATORY ELEMENTS;
ADENOVIRUS E1A GENE; REGULATION OF POLYOMAVIRUS LATE PROMOTER
ACTIVITY; ACTIVATION OF GENE-EXPRESSION)
86-4303 001 (PLATELET-DERIVED GROWTH-FACTOR; RECEPTOR PROTO-ONCOGENE
FMS; TRANSFORMING GROWTH-FACTORS)
86-4753 001 (**ROUS**-SARCOMA VIRUS SRC GENE; HOST RANGE DETERMINANTS
OF AVIAN RETROVIRUS ENVELOPE GENES; AMINO-ACID SEQUENCE HOMOLOGY IN GAG
REGION)
86-6423 001 (PARVALBUMIN EXPRESSION IN MAMMALIAN SKELETAL-**MUSCLE**;
DIFFERENTIATION ANTIGENS; IMMUNOLOGICAL DETECTION; RABBIT
SKELETAL-MUSCLES; NEURAL CONTROL)
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07437687 Genuine Article#: D4179 Number of References: 68
Title: FEATURES OF THE PP60V-SRC CARBOXYL TERMINUS THAT ARE REQUIRED FOR
TRANSFORMATION
Author(s): YACIUK P; SHALLOWAY D
Corporate Source: PENN STATE UNIV,DEPT MICROBIOL & IMMUNOL/UNIVERSITY
PK//PA/16802
Journal: MOLECULAR AND CELLULAR BIOLOGY, 1986, V6, N8, P2807-2819
Language: ENGLISH Document Type: ARTICLE
Geographic Location: USA
Subfile: SciSearch; CC LIFE--Current Contents, Life Sciences
Journal Subject Category: BIOCHEMISTRY & MOLECULAR BIOLOGY
Research Fronts: 86-4303 003 (PLATELET-DERIVED GROWTH-FACTOR; RECEPTOR
PROTO-ONCOGENE FMS; TRANSFORMING GROWTH-FACTORS)
86-7866 002 (MOUSE MAMMARY-TUMOR CELLS; DNA TRANSFECTION; TRANSFECTED
HUMAN-FIBROBLASTS; VIRAL **VECTORS**; ENHANCER FUNCTION; SINGLE
PLASMID; GENETIC COMPLEMENTATION)

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86-8049 002 (PLASMID DNA; EXPRESSION IN ESCHERICHIA-COLI; RESTRICTION
ENDONUCLEASE; SEQUENCE SPECIFICITY)
86-1382 001 (HEMAGGLUTININ NEURAMINIDASE GENE OF NEWCASTLE-DISEASE
VIRUS; NUCLEOTIDE-SEQUENCE ANALYSIS; TRANSCRIPTION OF GENES; CDNA
CLONE)
86-1674 001 (TRANSCRIPTIONAL ENHANCER; VIRAL REGULATORY ELEMENTS;
ADENOVIRUS E1A GENE; REGULATION OF POLYOMAVIRUS LATE PROMOTER
ACTIVITY; ACTIVATION OF GENE-EXPRESSION)
86-4753 001 (**ROUS**-SARCOMA VIRUS SRC GENE; HOST RANGE DETERMINANTS
OF AVIAN RETROVIRUS ENVELOPE GENES; AMINO-ACID SEQUENCE HOMOLOGY IN GAG
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